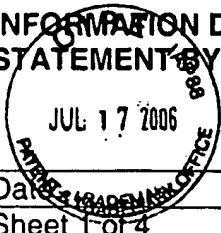


Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
	Application Number	10/691,133
	Filing Date	10-22-2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2611
Examiner Name	BAYARD, Emmanuel	
Date:	July 13, 2006	
Sheet 2 of 4	Attorney Docket Number	PD-202129

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-6,084,919	07-2000	Kleider et al.	
		US-4,896,369	01-1990	Adams et al.	
		US-6,892,068	04-2002	Karabinis et al.	
		US-5,848,060	12-1998	Dent	
		US-5,555,257	09-1996	Dent	
		US-5,642,358	06-1997	Dent	
		US-5,199,047	03-1993	Koch, Wolfgang	
		US-5,088,110	02-1992	Bonnerot et al.	
		US-4,847,864	07-1989	Cupo, Robert L.	
		US-4,709,374	11-1987	Farrow, Cecil W.	
		US-4,594,725	06-1986	Desperben et al.	
		US-4,519,084	05-1985	Langseth, Rollin E.	
		US-4,416,015	11-1983	Gitlin, Richard D.	
		US-4,384,355	05-1983	Werner, Jean-Jacques	
		US-4,213,095	07-1980	Falconer, David D.	
		US-RE 31,351	08-1983	Falconer, David D.	
		US-6,429,740	08-2002	Nguyen et al.	
		US-6,166,601	12-2000	Shalom et al.	
		US-5,966,048	10-1999	Thompson	
		US-5,606,286	02-1997	Bains	
		US-5,221,908	06-1993	Katz et al.	
		US-4,918,708	04-1990	Pottinger et al.	
		US-4,878,030	10-1989	Vincze	
		US-4,670,789	06-1987	Plume	
		US-4,647,873	03-1987	Beckner et al.	
		US-4,628,507	12-1986	Otani	
		US-4,500,984	02-1985	Shimbo et al.	
		US-4,283,684	08-1981	Satoh	
EB		US-4,068,186	01-1978	Sato et al.	

Examiner Signature	/Emmanuel Bayard/ (11/01/2006)	Date Considered	11/01/2006
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		Filing Date	10-22-2003
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		Art Unit	2611
		Examiner Name	BAYARD, Emmanuel
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EB		US-5,648,955	07-1997	Jensen et al.	—
		US-4,637,017	01-1987	Assal et al.	—
		US-5,940,025	08-1999	Koehnke et al.	—
		US-5,870,443	02-1999	Rahnema, Moe	—
		US-2003/0138037	07-2003	Kaku et al.	—
		US-2002/0158619	10-2002	Chen, Ernest C.	—
		US-6,426,822	07-2002	Winter et al.	—
		US-6,741,662	05-2004	Francos et al.	—
		US-6,934,314	08-2005	Harles et al.	—
		US-4,993,047	02-1991	Moffat et al.	—
		US-5,111,155	05-1992	Keate et al.	—
		US-6,307,435	10-2001	Nguyen et al.	—
		US-5,970,098	10-1999	Herzberg, Hanan	—
		US-6,125,148	09-2000	Frodigh et al.	—
		US-6,008,692	12-1999	Escartin, Marko	—
		US-6,249,180	06-2001	Maalej et al.	—
		US-5,581,229	12-1996	Hunt, Paul C.	—
		US-6,366,309	04-2002	Siegle, Gert	—
		US-4,835,790	05-1989	Yoshida et al.	—
		US-5,317,599	05-1994	Obata	—
		US-5,557,067	11-1996	Zimmerman	—
		US-6,021,159	02-2000	Nakagawa	—
		US-6,061,393	05-2000	Tsui et al.	—
		US-5,963,845	10-1999	Floury et al.	—
		US-6,272,679	08-2001	Norin, John L.	—
		US-6,212,360	04-2001	Fleming et al.	—
		US-6,188,717	02-2001	Kaiser et al.	—
		US-6,141,534	10-2000	Snell et al.	—
EB		US-6,131,013	10-2000	Bergstrom et al.	—

Examiner Signature	/Emmanuel Bayard/ (11/01/2006)	Date Considered	11/01/2006
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/691,133
Filing Date	10-22-2003
First Named Inventor	Ernest C. Chen
Art Unit	2611
Examiner Name	BAYARD, Emmanuel

Date: September 14, 2006

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-6,970,496	11-2005	Ben-Bassat et al.	—
EB		US-2003/0002471	01-2003	Crawford et al.	—
EB		US-2006/0056541	03-2006	Chen et al.	—
EB		US-5,577,067	11-1996	Zimmerman	—

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
EB		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	—

Examiner Signature	/Emmanuel Bayard/ (11/01/2006)	Date Considered	11/01/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/691,133
		Filing Date	10-22-2003
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	BAYARD, Emmanuel
Date:	July 25, 2006		
Sheet 1 of 1		Attorney Docket Number	PD-202129

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-2004/0146296	07-2004	Gerszberg et al.	

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	First Named Inventor	Ernest C. Chen
	Art Unit	2611
	Examiner Name	BAYARD, Emmanuel
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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-2001/0024479	09-2001	Samarasooriya	
↓		US-5,732,113	03-1998	Schmidl et al.	
		US-5,793,818	08-1998	Claydon et al.	
		US-5,828,710	10-1998	Beale	
		US-6,018,556	01-2000	Janesch et al.	
		US-6,128,357	10-2000	Lu et al.	
EB		US-6,411,659	06-2002	Liu et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
EB		FR 2696295	04-1994	Jaspal, Singh Bharj		
↓		EP 0222076	08-1986	Ketterling et al.		
		JP 07-038615	02-1995	Yasushi, Sogabe		
		DE 3642213	12-1986	Lopau et al.		
		JP 5-252084	09-1993	Takenaka et al.		
		JP 5-114878	05-1993	Kazama et al.		
		JP 5-41683	02-1993	Matsudo et al.		
		JP 2-95033	04-1990	Yamamoto, Yoshihiko		
↓		JP 2-5631	01-1990	Oda, Hirobumi		
	EB	JP 03139027	06-1991	Nippon Telegraph and Telephone Corporation		

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NON PATENT LITERATURE DOCUMENTS			
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EB		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915	—
EB		SESKAR, IVAN ET AL.; "Implementation Aspects for Successive Interface Cancellation in DS/CDMA Systems"; Wireless Networks; 1998; pages 447-452	—
EB		Earth Station Technology; 1986; pages 404-412; XP-002248387	

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